

U.S. PATENT DOCUMENTS

4,581,337 A	4/1986	Frey et al.
4,624,867 A	11/1986	Iijima et al.
4,695,618 A	9/1987	Mowrer
4,842,893 A	6/1989	Yializis et al.
4,954,371 A	9/1990	Yializis
5,032,461 A	7/1991	Shaw et al.
5,036,249 A	7/1991	Pike-Bieginski et al.
5,124,204 A	6/1992	Yamashita et al.
5,189,405 A	2/1993	Yamashita et al.
5,237,439 A	8/1993	Misono et al.
5,260,095 A	11/1993	Affinito
5,354,497 A	10/1994	Fukuchi et al.
5,395,644 A	3/1995	Affinito
5,427,638 A	6/1995	Goetz et al.
5,440,446 A	8/1995	Shaw et al.
5,536,323 A	7/1996	Kinlin et al.
5,547,508 A	8/1996	Affinito
5,554,220 A	9/1996	Forrest et al.
5,576,101 A	11/1996	Saitoh et al.
5,607,789 A	3/1997	Treger et al.
5,620,524 A	4/1997	Fan et al.
5,629,389 A	5/1997	Roitman et al.
5,654,084 A	8/1997	Egert
5,681,615 A	10/1997	Affinito et al.
5,681,666 A	10/1997	Treger et al.
5,684,084 A	11/1997	Lewin et al.
5,686,360 A	11/1997	Harvey, III et al.
5,693,956 A	12/1997	Shi et al.
5,711,816 A	1/1998	Kinlin et al.
5,725,909 A	3/1998	Shaw et al.
5,731,661 A	3/1998	So et al.
5,747,182 A	5/1998	Friend et al.
5,757,126 A	5/1998	Harvey, III et al.
5,759,329 A	6/1998	Krause et al.
5,771,562 A	6/1998	Harvey, III et al.
5,792,550 A	8/1998	Phillips et al.
5,811,177 A	9/1998	Shi et al.
5,811,183 A	9/1998	Shaw et al.
5,821,692 A	10/1998	Rogers et al.
5,844,363 A	12/1998	Gu et al.
5,872,355 A	2/1999	Hueschen
5,902,641 A	5/1999	Affinito et al.
5,902,688 A	5/1999	Antoniadis et al.
5,904,958 A	5/1999	Dick et al.
5,912,069 A	6/1999	Yializis et al.
5,922,161 A	7/1999	Wu et al.
5,945,174 A	8/1999	Shaw et al.
5,948,552 A	9/1999	Antoniadis et al.
5,952,778 A	9/1999	Haskal et al.
3,475,307 A	10/1999	Knox et al.
5,965,907 A	10/1999	Huang et al.

5,996,498 A	12/1999	Lewis
6,045,864 A	4/2000	Lyons et al.
6,083,628 A	7/2000	Yializis
6,146,225 A	11/2000	Sheats et al.
6,198,217 B1	3/2001	Suzuki et al.

FOREIGN PATENT DOCUMENTS

EP	0 340 935	11/1989
EP	0 547 550	6/1993
EP	0 590 467	4/1994
EP	0 390 540	8/1994
EP	0 722 787	7/1996
EP	0 787 826	8/1997
EP	0 916 394	5/1999
EP	0 931 850	7/1999
EP	0 977 469 A2	2/2000
EP	0 977 469	2/2000
JP	63 136316	6/1988
JP	64 18441	1/1989
JP	2 183230	7/1990
JP	08 325713	12/1996
JP	09 059763	3/1997
WO	WO 87/07848	12/1987
WO	WO 95/10117	4/1995
WO	WO 97/04885	2/1997
WO	WO 97/22631	6/1997
WO	WO 98/10116	3/1998
WO	WO 98/18852	5/1998
WO	WO 99/16557	4/1999
WO	WO 99/16931	4/1999

OTHER PUBLICATIONS

Affinito J D et al., "PML/oxide/PML barrier layer performance differences arising from use of UV or electron beam polymerization of the PML layers" Thin Solid Films, Elsevier Science S.A., vol. 308–309, Oct. 31, 1997, pp. 19–25.

Notification of Transmittal of the International Search Report or the Declaration, Mar. 3, 2000, PCT/US 99/29853. G. Gustafsson et al., "Flexible light-emitting diodes made from soluble conducting polymers", Nature, vol. 357, Jun. 11, 1992, pp. 477–479.

J.D. Affinito et al., "Polymer–Oxide Transparent Barrier Layers", SVC 39th Annual Technical Conference, Vacuum Web Coating Session, 1996.

J.D. Affinito et al., "PML/Oxide/PML Barrier Layer Performance Differences Arising from Use of UV or Electron Beam Polymerization of the PML Layers", SVC 40th Annual Technical Conference, 1997.